

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a cool air circulation type axial flow fan for a refrigerator. The fan comprises a plurality of spaced blades mounted on the outer circumference of a hub for blowing cool air to a freezing chamber and a chilling chamber of the refrigerator. Several important design factors, such as the number of blades, a sweep angle, a pitch angle, a rake angle, a maximum camber position, and a maximum camber ratio of each of the blades, of the fan are optimally determined, whereby a noise generated over a wide frequency band is remarkably reduced. Furthermore, power consumption is reduced with reduction of flow loss.